

REMARKS

Claims 34 –53 are pending in this case.

Claims 52 and 53 have been added to further recite the features of the invention. Applicant respectfully submits that the newly added claim is supported by the application as originally filed, and do not introduce new matter. Support for these claims can be found, for example, on pages 23-24 and 31-32 and shown in Figs. 9 and 21.

Claims 34, 35, 36, and 44 have been amended to correct a minor substitutional error. Applicant respectfully submits that the amended claims are supported by the application as originally filed, and do not introduce new matter. The modifications for Claims 34, 35, 36 and 44 are generally described on pages 23-24 and 31-32 and shown in Figs. 9 and 21.

Claims 34 and 36 recite “Internet telephony network is adapted for receiving a 1st signal for initiating communication between said wireless telephony network and said Internet telephony network.” Claims 35 and 44 recite, “receiving a 1st signal at the Internet telephony network for initiating communication between the wireless telephony network and said Internet telephony network.” This is shown in Figs. 9 and 21 as an “INVITE (to user address)” signal.

Claims 34 and 36 recite, “detecting a circuit-based wireless network communication at the time of initialization, and for sending a 2nd signal for obtaining the location of said gateway controller.” Claims 35 and 44 recite, “detecting a circuit-based wireless network communication during said initiation step by the Internet telephony network, sending a 2nd signal for obtaining the location of the gateway controller by the Internet telephony network.” This is described on page 31 (“It [HLR] therefore knows that calls for this user must be handled in a circuit-compatible manner” and “Because the call must reach the serving MSC 212 through UMTS means, the HLR 215 must initiate the standard MSRN lookup procedure.”) This 2nd signal is shown in Fig. 21 as a “PROVIDE_ROAMING_NUMBER (IMSI)” signal.

Claims 34 and 36 further recite, “wireless telephony network is adapted for receiving said

2nd signal and for sending a 3rd signal for providing the location of said gateway controller.” Claims 35 and 44 recite, “receiving the 2nd signal at the wireless telephony network, sending a 3rd signal for providing the location of the gateway controller by the wireless telephony network.” This is described on page 31 (“Once a MSRN has been assigned, a SIP gateway 214 can be located for it.”) This 3rd signal is shown in Fig. 21 as a “Response (MSRN)” signal.

Claims 34 and 36 further recite, “Internet telephony network is further adapted for receiving said 3rd signal and for providing a 4th signal for finding and connecting to said gateway controller.” Claims 35 and 44 recite, “receiving said 3rd signal at the Internet telephony network, sending a 4th signal by the Internet telephony network for finding and connecting to said gateway controller.” This is described on page 24 (“The SIP proxy server 92 queries the HLR 94 for a SIP address and the HLR 94 returns an address of the form “MSISDN@hostname.of.serving.MSC” to which the SIP proxy server 92 then sends the call) and on page 31 (“Once a MSRN has been assigned, a SIP gateway 214 can be located for it, using TRIP. (This TRIP lookup can be done either by the HLR 215 or by the SIP Proxy 216.) The call is then placed through the SIP proxy 216 to the serving MSC 212.”) This 4th signal is shown in Fig. 21 as an “INVITE (to MSRN at gateway)” signal.

Claims 34 and 36 further recite, “gateway controller is adapted for receiving said 4th signal and for providing a 5th signal for connection with said wireless telephony.” Claims 35 and 44 recite, “receiving said 4th signal at the gateway controller, and sending a 5th signal by the gateway controller for connection with the wireless telephony network.” This is described on page 24 (“The SIP proxy server 92 queries the HLR 94 for a SIP address and the HLR 94 returns an address of the form “MSISDN@hostname.of.serving.MSC” to which the SIP proxy server 92 then sends the call) and on page 31 (“The call is then placed through the SIP proxy 216 to the serving MSC 212.”) This 5th signal is shown in Fig. 21 as an “IAM (to MSRN)” signal.

Entry and favorable consideration of the present amendment is respectfully requested.

Respectfully submitted,

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